

★TELF

S02 S03

99-151867/13

★RD 418033-A

Mobile telephone with sensors for environmental parameters - has sensors incorporated in functional module, for assessing temperature, humidity, barometric pressure, and altitude, and includes compass arrangement

ERICSSON INC 99.01.20 99RD-418033

W01 (99.02.10) II04M

The mobile telephone is equipped with several sensors, which are incorporated in a functional module that uses the existing circuitry, and the user interface, in the telephone. The sensors may alternatively constitute a single unit that is integrated to the main ASIC circuitry.

The sensors may be integrated in a separate module containing a lower profile CPU that transmits the processed data to the main CPU for displaying. The measurement results are displayed visually or announced by a speech synthesizer.

USE - Especially for outdoor conditions.

ADVANTAGE - Informs users of their environmental conditions, such as how high up they are, and their direction of travel. (1pp Dwg.No.0/0)

N99-109455

S02-B02 S02-B06 S02-B11 S03-B01 S03-D03 S03-F09